REMARKS

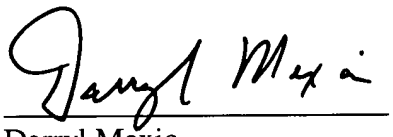
This paper is responsive to the Office Action mailed on October 9, 2002, for the above-identified application.

Applicants elect Species I, and sub-species IA (Fig. 6B) without traverse. Claims 1-12 are readable on the Species I, and claims 1 and 7 are readable on the sub-species IA..

The new claim 38 is generic to claims 1-12 and therefore should be examined with the elected subspecies. Furthermore, if claim 38 is found to be allowable, then all of claims 1-12 should be examined in the subject application.

Applicants reserve the right to file Divisional Applications directed to non-elected species and subspecies. Entry and consideration of this Amendment are respectfully requested.

Respectfully submitted,



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APPENDIX

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS:

The claims are amended as follows:

1.(Amended) A heat exchanger according to claim 38, ~~comprising:~~

~~a heating medium channel for passing a high-temperature heating medium;~~

~~a fuel channel provided adjacent to the heating medium channel and separated from the heating medium channels through a partition wall, the fuel channels being supplied with liquid fuel from above the heating medium channels to vaporize the liquid fuel by heat exchange with the high-temperature heating medium; and~~

~~a fuel supply plate provided above the heat medium channels, the fuel supply plate having a plurality of holes for passing the liquid fuel,~~

wherein a circumferential edge of a fuel-outflow-side opening portion of each of the plurality of holes is chamfered to form the avoiding portions.

2.(Amended) A heat exchanger according to claim 38, ~~comprising:~~

~~a heating medium channel for passing a high-temperature heating medium;~~

~~a fuel channel provided adjacent to the heating medium channel and separated from the heating medium channel through a partition wall, the fuel channels being supplied with liquid fuel from above the heating medium channel to vaporize the liquid fuel by heat exchange with the high-temperature heating medium; and~~

~~a fuel supply plate provided above the heat medium channels, the fuel supply plate having a plurality of holes for passing the liquid fuel,~~

wherein a spot-face is formed in a circumferential edge of a fuel-outflow-side opening portion of each of the plurality of holes to form the avoiding portions.

3.(Amended) A heat exchanger according to claim 28, ~~comprising:~~

~~a heating medium channels for passing a high-temperature heating medium;~~

~~a fuel channel provided adjacent to the heating medium channel and separated from the heating medium channels through a partition wall respectively, the fuel channel being supplied with liquid fuel from above the heating medium channel to vaporize the liquid fuel by heat exchange with the high-temperature heating medium; and~~

~~a fuel supply plate provided above the heat medium channel, the fuel supply plate having a plurality of holes for passing the liquid fuel,~~

wherein a protrusion is provided on a fuel outflow side from the plurality of holes of the fuel supply plate to partition the plurality of holes to form the avoiding portions.

6.(Amended) A heat exchanger according to claim 38, ~~comprising:~~

~~a heating medium channel for passing a high-temperature heating medium;~~

~~a fuel channel provided adjacent to the heating medium channel and separated from the heating medium channels through a partition wall, the fuel channels being supplied with liquid fuel from above the heating medium channel to vaporize the liquid fuel by heat exchange with the high-temperature heating medium; and~~

~~a fuel supply plate provided above the heat medium channel, the fuel supply plate having a plurality of holes for passing the liquid fuel,~~

wherein a groove is provided on a fuel outflow side from the plurality of holes of the fuel supply plate to partition the plurality of holes to form the avoiding portions.

Claim 38 is added as a new claim.

38. A heat exchanger comprising:

a heating medium channel for passing a high-temperature heating medium;

a fuel channel provided adjacent to the heating medium channel and

separated from the heating medium channels through a partition wall, the fuel channels being supplied with liquid fuel from above the heating medium channels to vaporize the liquid fuel by heat exchange with the high-temperature heating medium; a fuel supply plate provided above the heat medium channels, the fuel supply plate having a plurality of holes for passing the liquid fuel; and

avoiding portions for preventing the liquid fuel, which are flown out from the adjacent holes, from being mixed with each other.